Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A holographic recording and reproducing method for recording holographic data in and reproducing holographic data from a holographic recording medium comprising a recording layer in which data are to be recorded as phase information of light by projecting a signal beam and a reference beam emitted from a first light source and having a wavelength $\lambda 0$ thereonto and an optical modulation pattern periodically formed in a direction of a track on a surface located on ~~the~~ an opposite side of the recording layer as viewed in ~~the~~ a direction of signal beam and reference beam incidence on the holographic recording medium, the holographic recording and reproducing method comprising ~~a step of~~ projecting a light beam for servo control emitted from a second light source and having a wavelength $\lambda 1$ onto the holographic recording medium so as to substantially focus onto the surface on which the optical modulation pattern is formed, thereby generating clock signals in synchronism with the optical modulation pattern.

2. (Currently Amended) A holographic recording and reproducing method in accordance with Claim 1, wherein ~~the~~ a spot diameter of the light beam on the surface on which the optical modulation pattern is formed is smaller than a period of the optical modulation pattern.

3. (Currently Amended) A holographic recording method for recording holographic data in a holographic recording medium comprising a recording layer in which data are to be recorded as phase information of light by projecting a signal beam and a reference beam emitted from a first light source and having a wavelength $\lambda 0$ thereonto and an optical modulation pattern periodically formed in a direction of a track on a surface located on ~~the~~ an opposite side of the recording layer as viewed in ~~the~~ a direction of signal beam and reference

beam incidence on the holographic recording medium, the holographic recording method comprising steps of projecting a light beam for servo control emitted from a second light source and having a wavelength λ1 onto the holographic recording medium so as to substantially focus onto the surface on which the optical modulation pattern is formed, thereby generating clock signals in synchronism with the optical modulation pattern, sequentially recording phase information along the track, and shifting a record position along the track every integer multiple of the a period of the optical modulation pattern.

4.   (Currently Amended) A holographic reproducing method for reproducing holographic data from a holographic recording medium comprising a recording layer in which data are to be recorded as phase information of light by projecting a signal beam and a reference beam emitted from a first light source and having a wavelength λ0 thereonto and an optical modulation pattern periodically formed in a direction of a track on a surface located on the an opposite side of the recording layer as viewed in the a direction of signal beam and reference beam incidence on the holographic recording medium, the holographic reproducing method comprising steps of projecting a light beam for servo control emitted from a second light source and having a wavelength λ1 onto the holographic recording medium so as to substantially focus onto the surface on which the optical modulation pattern is formed, thereby generating clock signals in synchronism with the optical modulation pattern, projecting a reference beam onto the holographic recording medium, reproducing an image recorded in the holographic recording medium, and removing noise components due to the optical modulation pattern from the thus reproduced image.

5.   (Original)   A holographic reproducing method for reproducing holographic data from a holographic recording medium in accordance with Claim 4, wherein the noise components are removed by recording a predetermined test pattern in the holographic recording medium as the phase information, reproducing the test pattern to obtain noise information and calculating a difference between the noise information and the reproduced image.

6-7.   (Canceled)